

**WHAT IS CLAIMED IS:**

1. In a system comprising a remote computer and a plurality of user terminals, a method of updating the display at a user terminal comprising the steps of:

receiving a screen of information transmitted from the remote computer at the user  
5 terminal;

dividing the screen into a plurality of objects;

detecting which of the objects are affected by input by a user;

sending information regarding the user input to the remote computer;

receiving new screen information at the user terminal; and

10 comparing only the changed objects in the new screen and the old screen.

2. The method of claim 1, wherein said objects comprise fields into which data is to be entered by a user.

3. The method of claim 1, wherein said objects comprise character positions into which data is to be entered by a user.

15 4. In a system comprising a remote computer and a plurality of user terminals, a method of updating the display at a user terminal comprising the steps of:

receiving a screen of information transmitted from the remote computer at the user  
terminal;

dividing the screen into a plurality of objects;

20 detecting which of the objects are affected by input by a user;

sending information regarding the user input to the remote computer;

receiving new screen information at the user terminal;

comparing only the changed objects in the new screen and the old screen; and

recreating only the changed objects in the user display.

25 5. The method of claim 4, wherein said objects comprise fields into which data is to be

entered by a user.

6. The method of claim 4, wherein said objects comprise character positions into which data is to be entered by a user.

7. In a system comprising a remote computer and a plurality of user terminals, a method  
5 of moving a cursor, in response to signals from an input device, comprising the steps of:

calculating which keystrokes or combination of keystrokes to use;

sending the keystroke information to the remote computer;

receiving new screen information at the user terminal; and

displaying the cursor movement at the user terminal.

10 8. The method of claim 1 wherein said calculation of keystrokes comprises maximizing the number of larger keystrokes to use, and minimizing the number of smaller keystrokes to use.

9. The method of claim 1 wherein said calculation of keystrokes comprises minimizing the number of keystrokes to use.

10. The method of claim 2 wherein said larger keystrokes to use include tab keystrokes.

15 11. The method of claim 2 wherein said smaller keystrokes to use include backspace keystrokes.